

WHAT IS CLAIMED IS:

1. A structure of a scanner capable of adjusting lightness of a line to be scanned, comprising:

a chassis;

a light base on which a light tube is mounted, the light base being mounted above the chassis; and

at least one adjusting device mounted between the chassis and the light base for driving the light base to change a relative distance between the light tube and a line to be scanned on a document to be scanned.

2. The structure of a scanner capable of adjusting lightness of a line to be scanned in accordance with claim 1, wherein the adjusting device includes two opposite electromagnetic members respectively mounted on the light base and the chassis, by changing the direction of the current passing through the relative electromagnetic members, the opposite electromagnetic members produce an attractive force or a repellent force, such that the light base is adjacent to or away from the chassis.

3. The structure of a scanner capable of adjusting lightness of a line to be scanned in accordance with claim 1, wherein the adjusting device includes two electromagnetic members co-operating with a swing arm having an elastic action, wherein the electromagnetic members are respectively mounted on the light base and the chassis, and the swing arm has one end mounted on the chassis, and the other end mounted on the light base.

4. The structure of a scanner capable of adjusting lightness of a line to be scanned in accordance with claim 1, wherein the adjusting device

1 includes an electromagnetic member and a magnetic material, co-operating
2 with a swing arm having an elastic action, wherein the electromagnetic
3 member and the magnetic material are respectively mounted on the light base
4 and the chassis, and the swing arm has one end mounted on the chassis, and the
5 other end mounted on the light base.

6 5. The structure of a scanner capable of adjusting lightness of a line
7 to be scanned in accordance with claim 1, wherein the adjusting device is a
8 cam.

9 6. The structure of a scanner capable of adjusting lightness of a line
10 to be scanned in accordance with claim 1, wherein the chassis and the light
11 base are respectively provided with a guide column and a guide hole, and the
12 guide column is mounted in the guide hole.

13 7. The structure of a scanner capable of adjusting lightness of a line
14 to be scanned in accordance with claim 1, wherein the chassis and the light
15 base are respectively provided with a locking hook, and the locking hooks may
16 be relatively locked with each other to limit detachment of the light base.